OIPE IAP63
OCT 07 2005
PATENT & TRADEMARK OFFICE

Fig.1

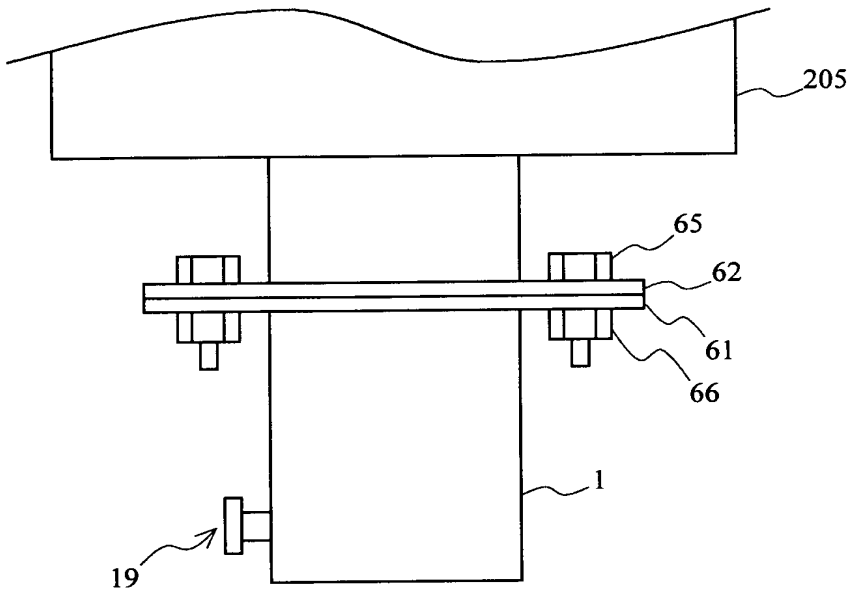
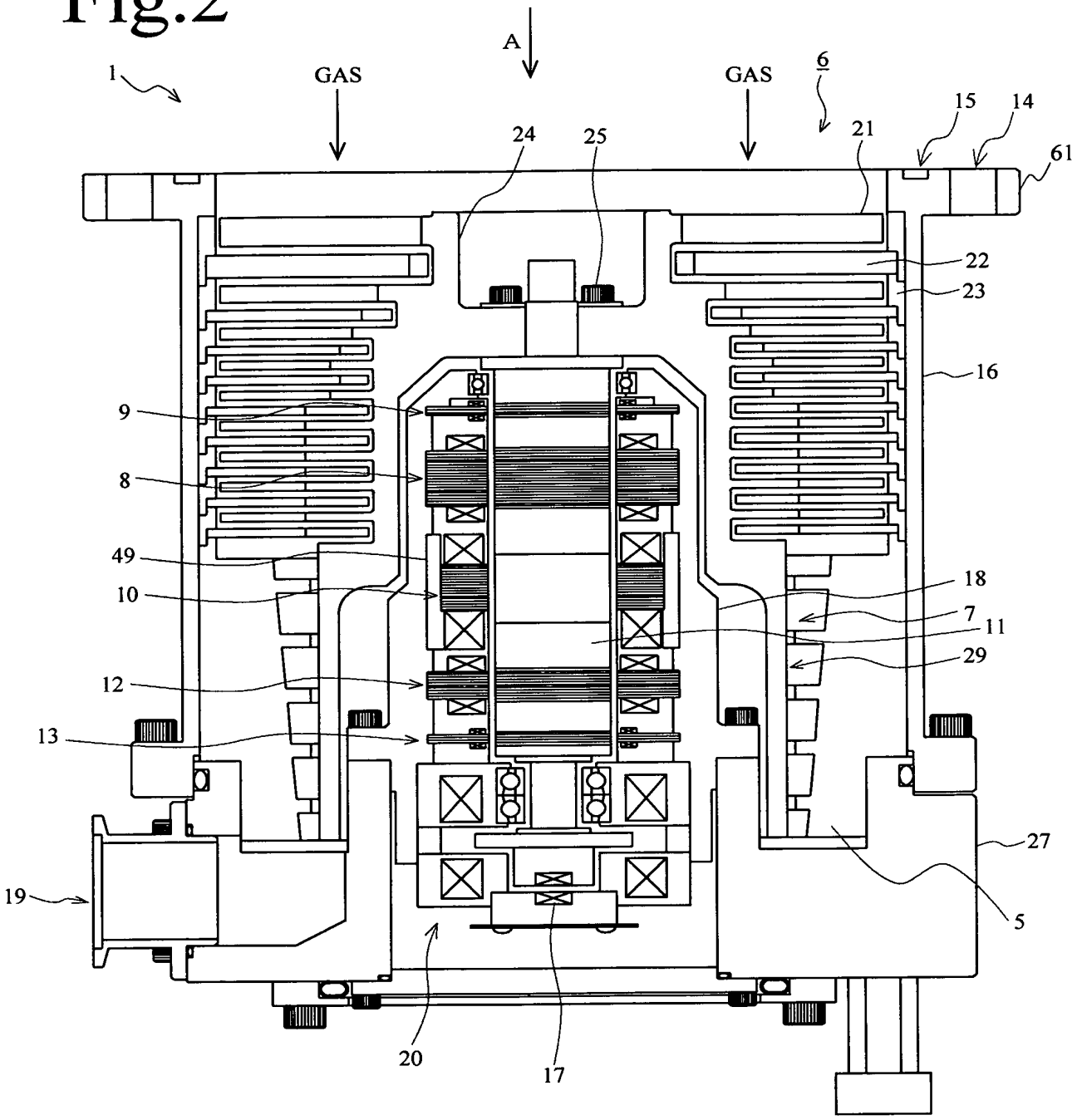


Fig.2


A
1
GAS
GAS
6
15
14
24
25
21
61
22
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16
9
8
49
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11
29
12
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19
5
20
17

Fig.3

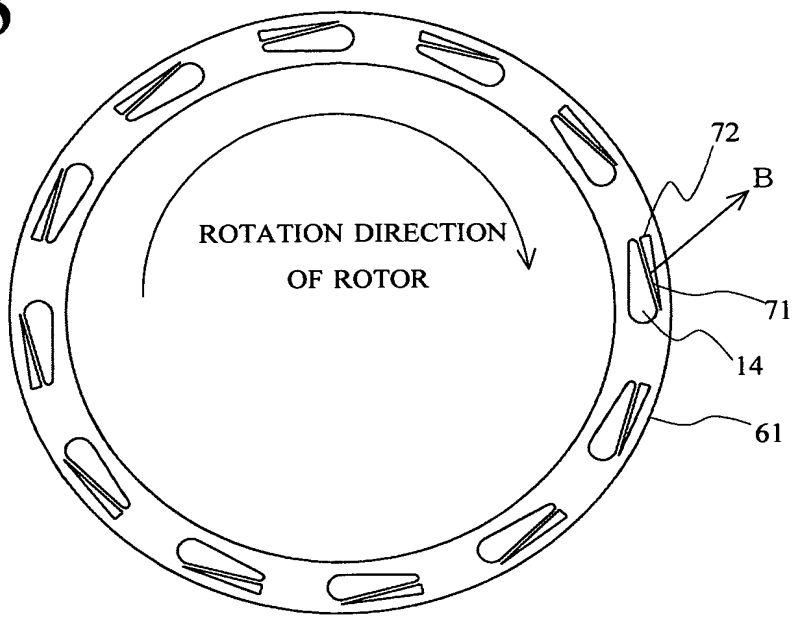

ROTATION DIRECTION
OF ROTOR
72
B
71
14
61

Fig.4

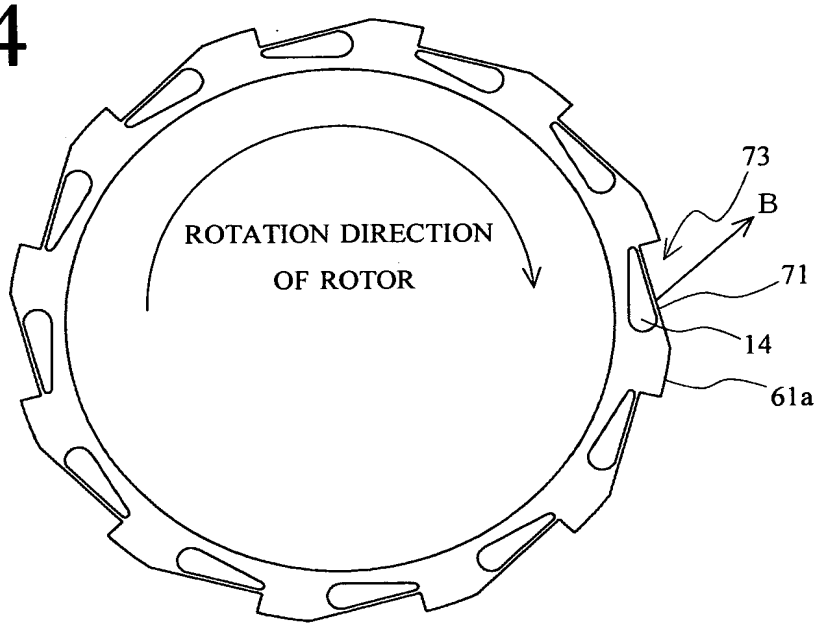

ROTATION DIRECTION
OF ROTOR
73
B
71
14
61a

Fig.5

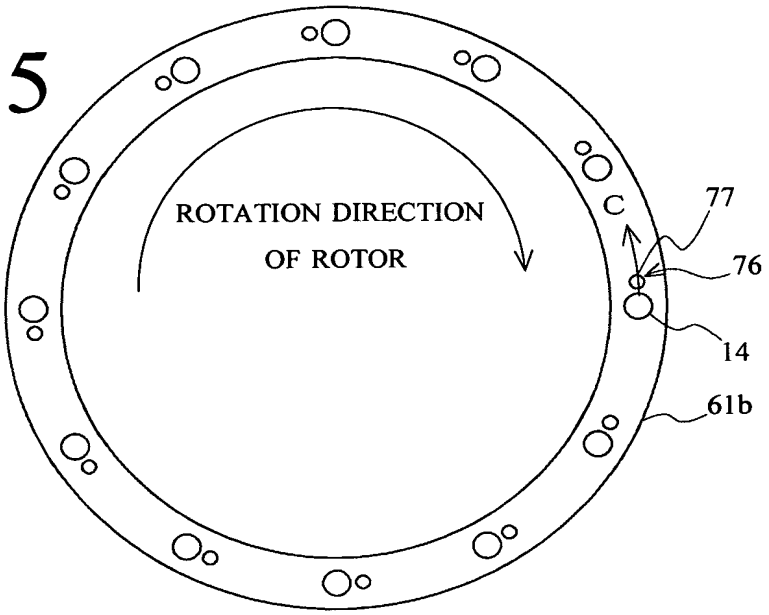

ROTATION DIRECTION
OF ROTOR
C
77
76
14
61b

Fig.6

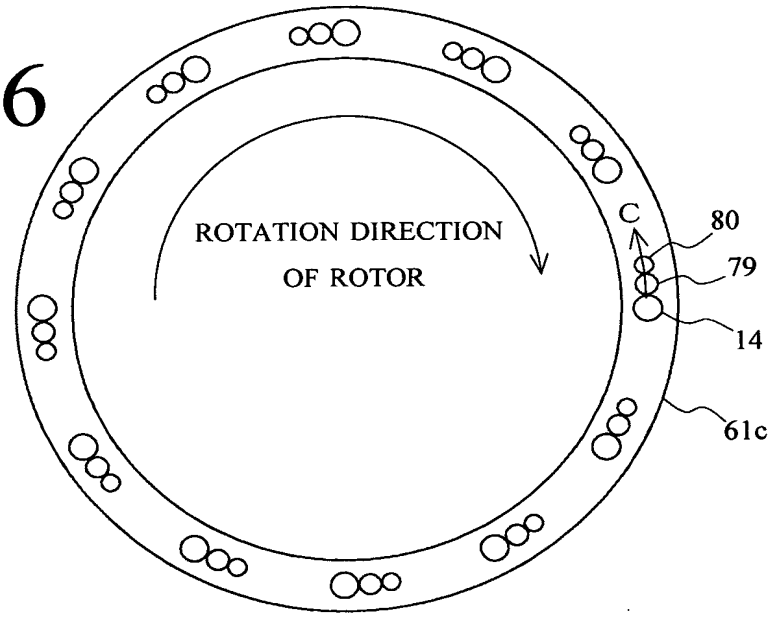

ROTATION DIRECTION
OF ROTOR
C
80
79
14
61c

Fig.7

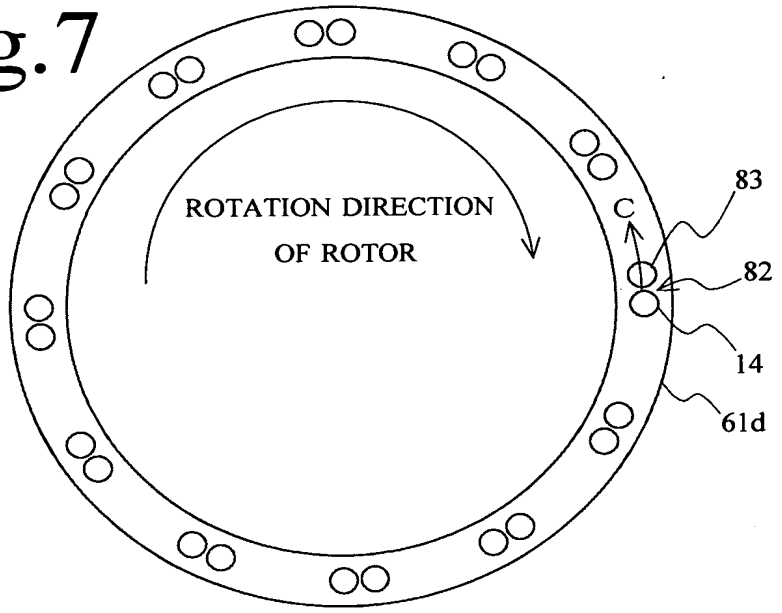

ROTATION DIRECTION
OF ROTOR
C
83
82
14
61d

Fig.8

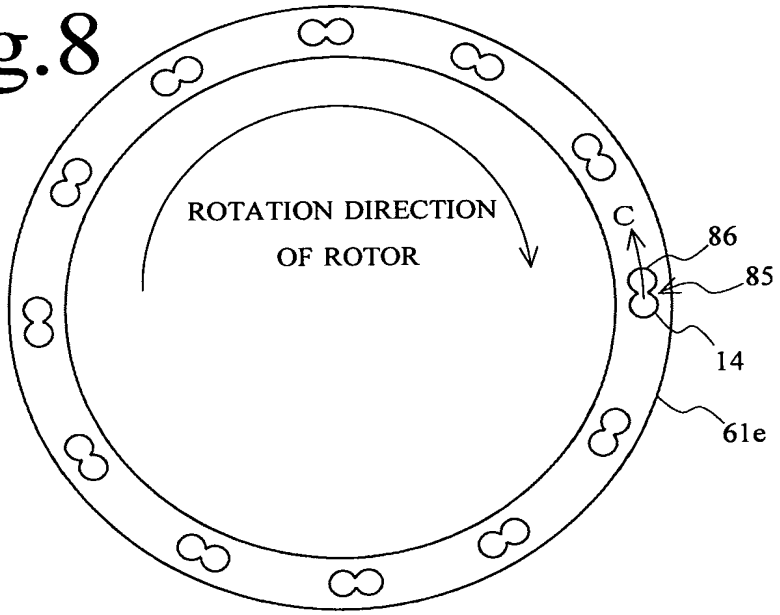

ROTATION DIRECTION
OF ROTOR
C
86
85
14
61e

Fig.9

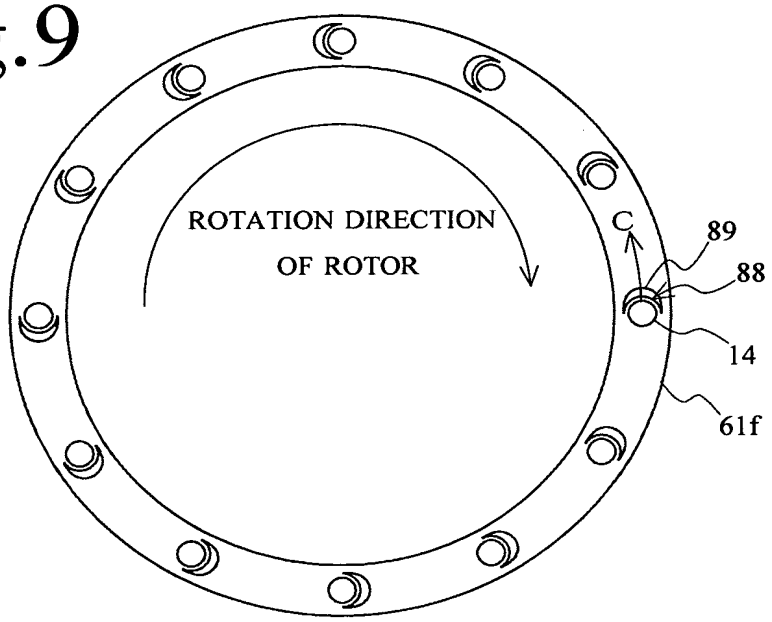

ROTATION DIRECTION
OF ROTOR
C
89
88
14
61f

Fig.10

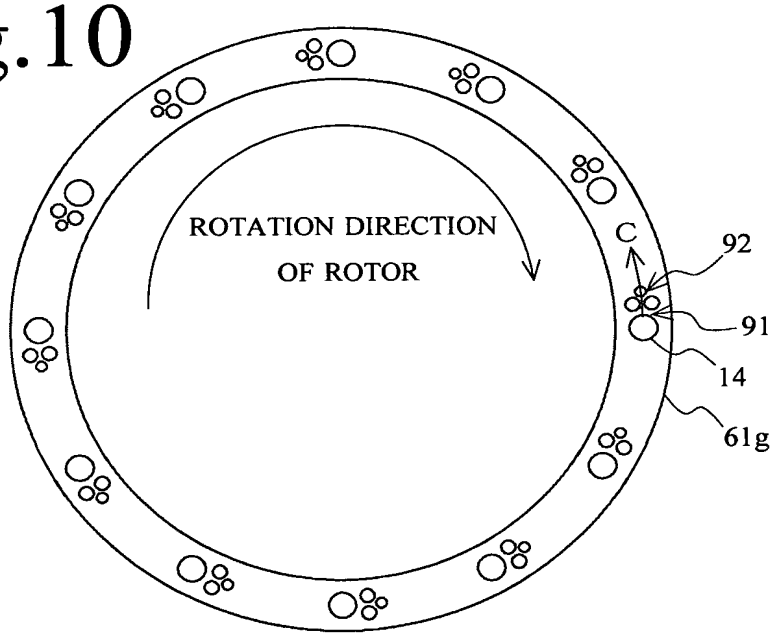

ROTATION DIRECTION
OF ROTOR
C
92
91
14
61g

Fig.11

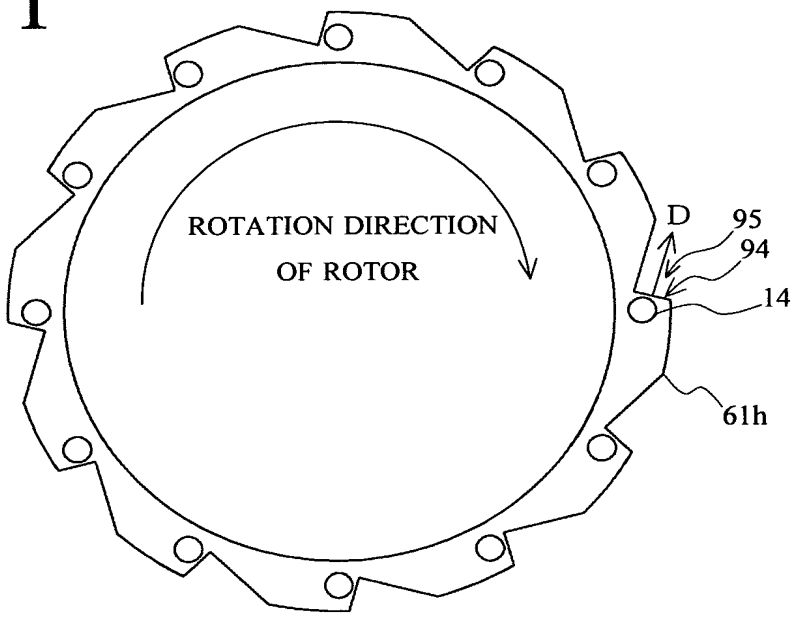

ROTATION DIRECTION
OF ROTOR
D
95
94
14
61h

Fig.12

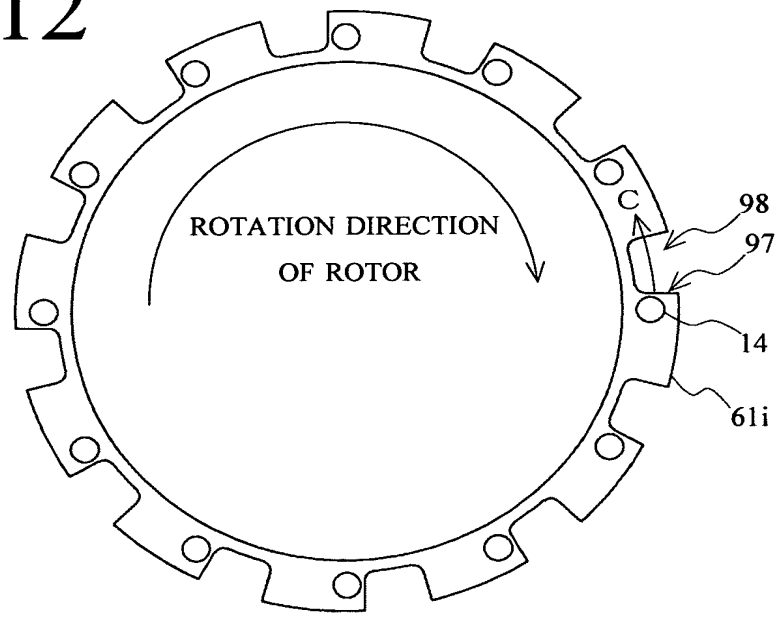

ROTATION DIRECTION
OF ROTOR
C
98
97
14
61i

Fig.13

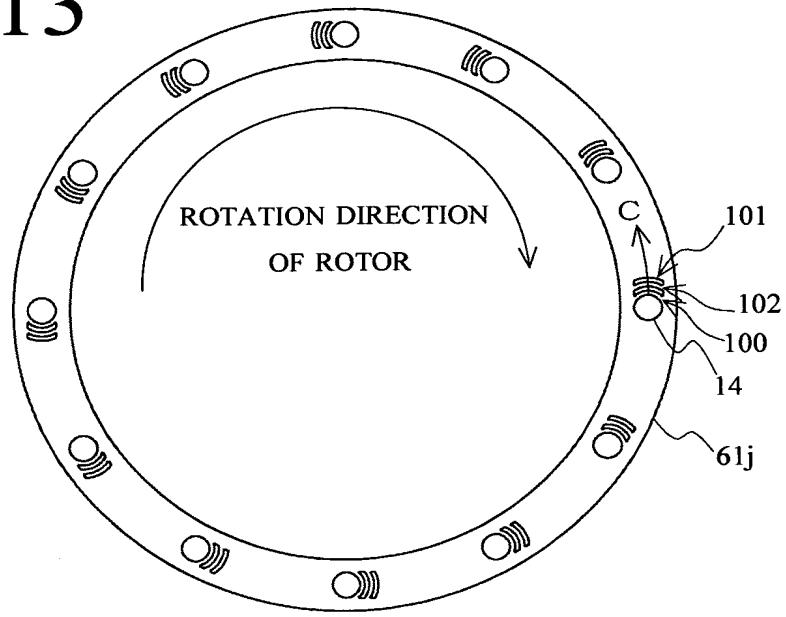

ROTATION DIRECTION
OF ROTOR
C
101
102
100
14
61j

Fig.14

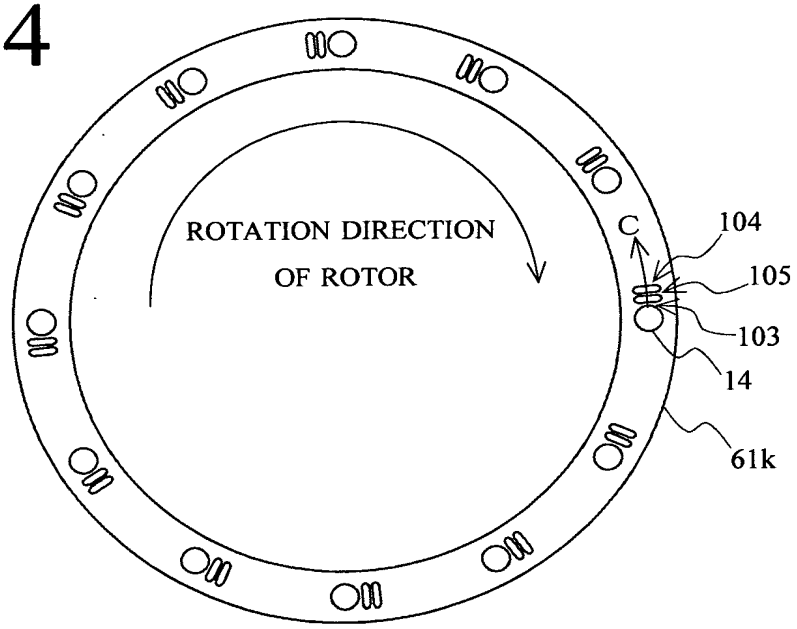

ROTATION DIRECTION
OF ROTOR
C
104
105
103
14
61k

Fig.15

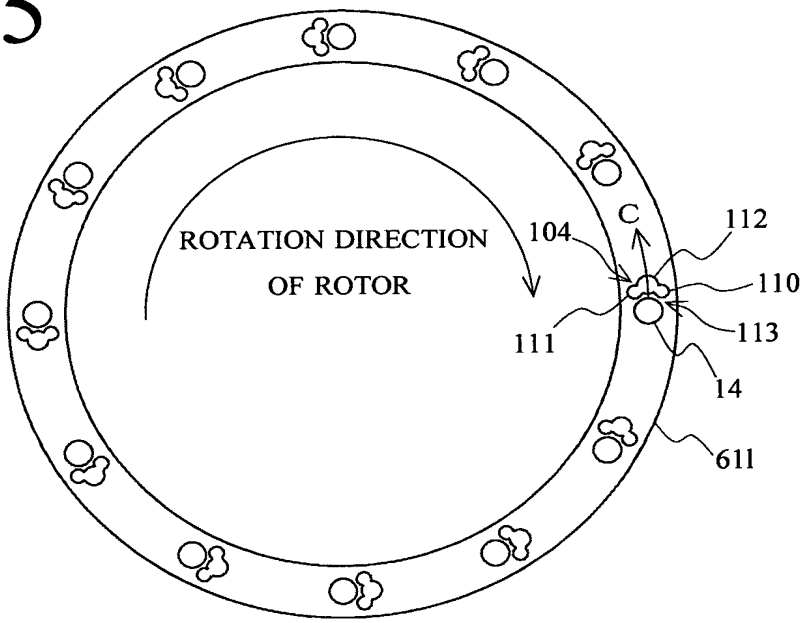


Fig.16 (a)

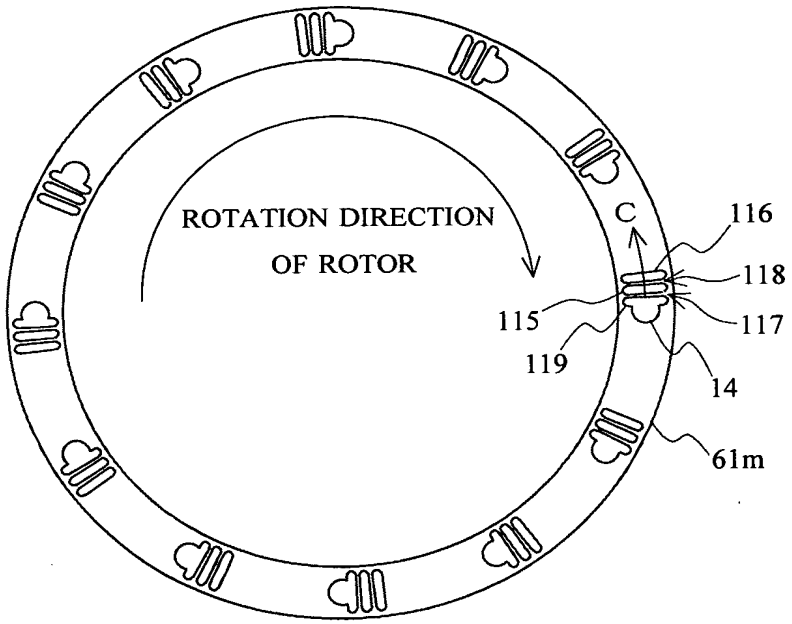
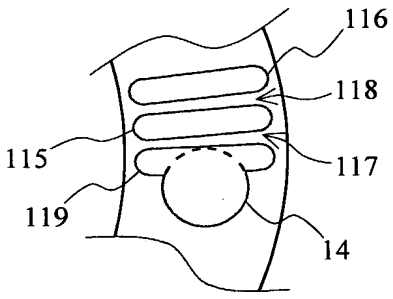


Fig.16 (b)



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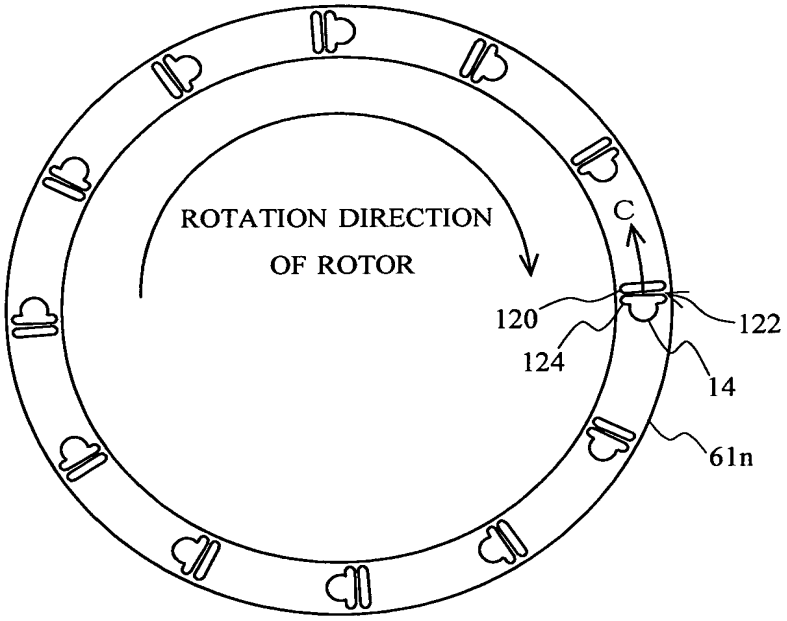
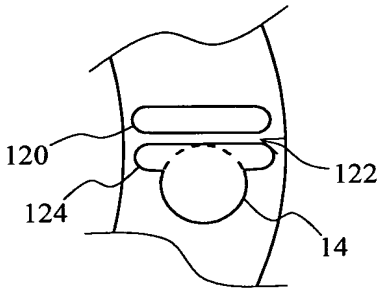


Fig.17 (b)



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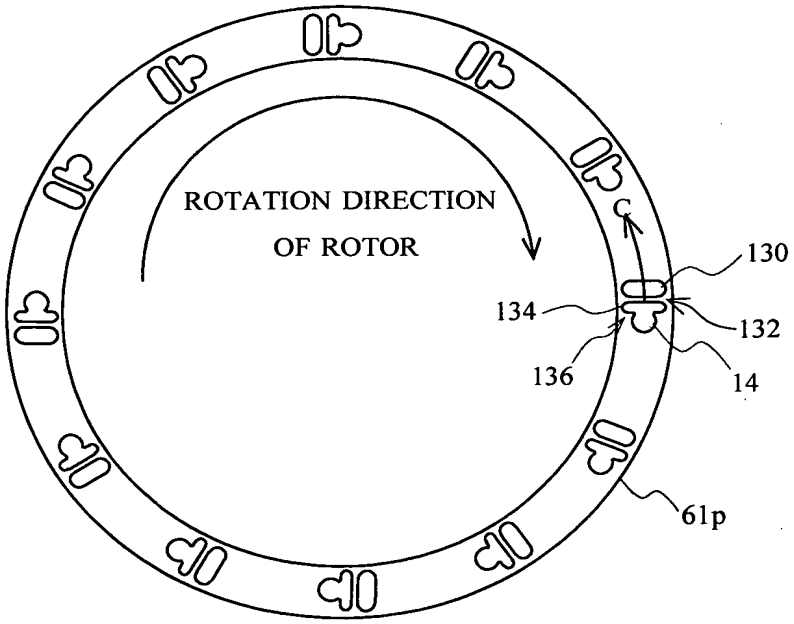
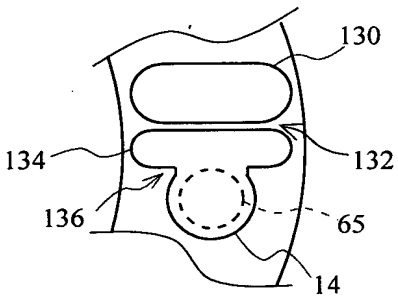


Fig.18 (b)



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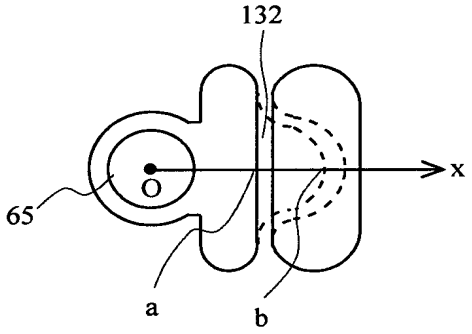


Fig.19 (b)

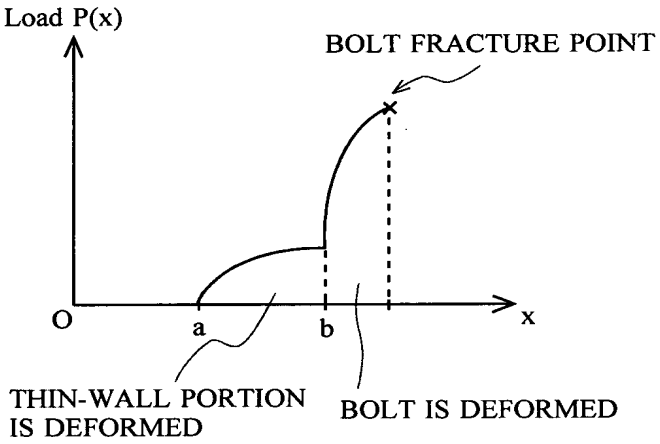
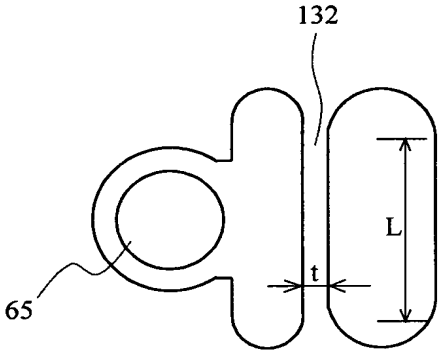
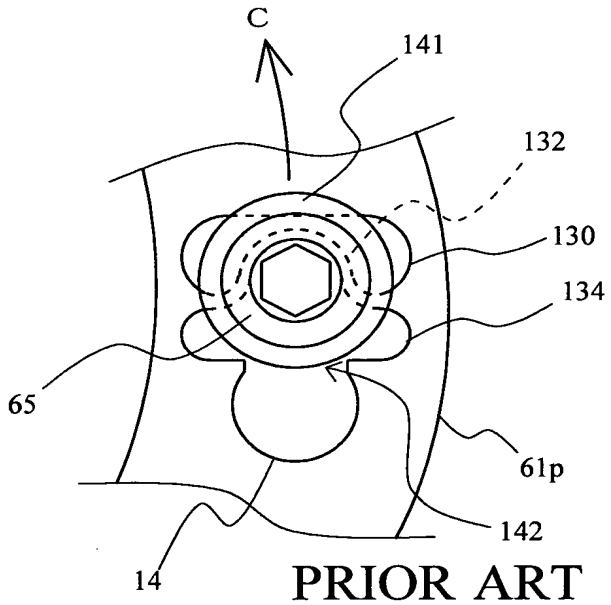


Fig.20



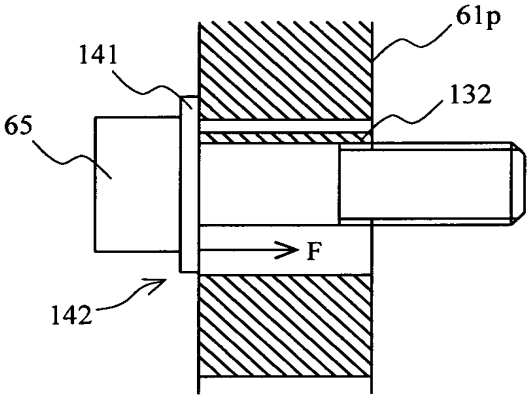
THICKNESS T OF FLANGE

Fig.21 (a)



PRIOR ART

Fig.21 (b)



PRIOR ART

Fig.22 (a)

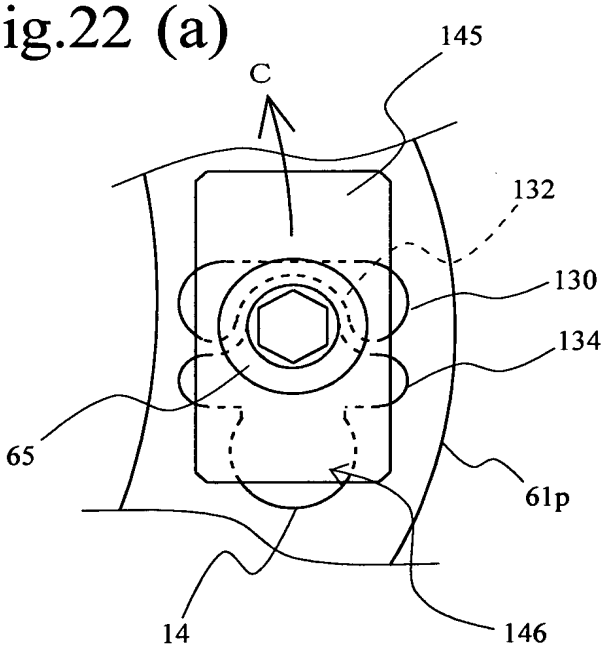


Fig.22 (b)

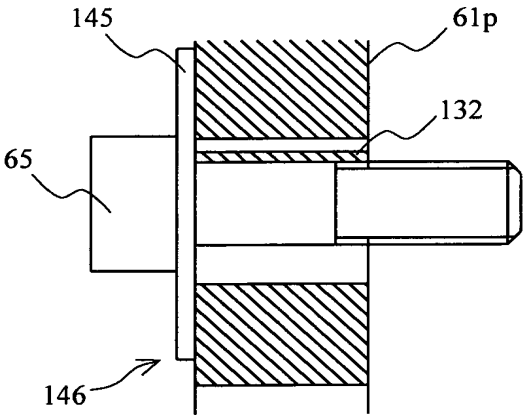
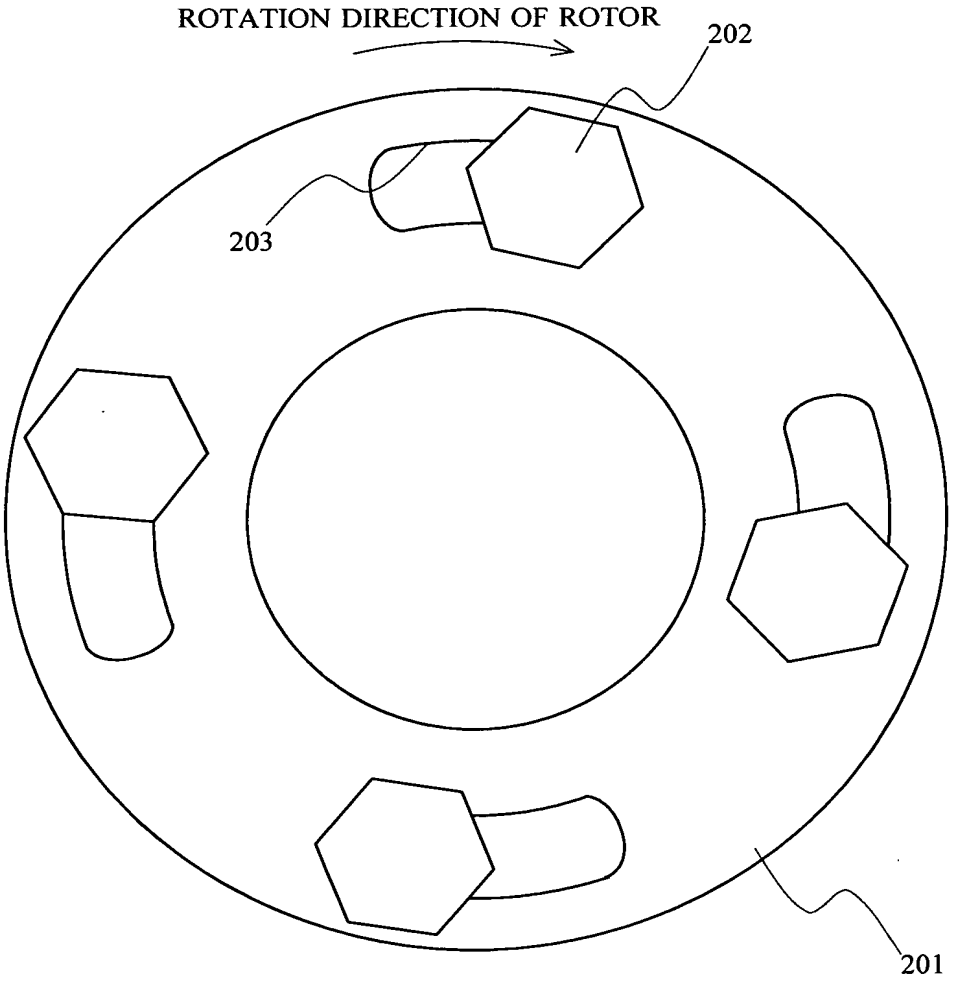


Fig.23



PRIOR ART